Index of Claims

| Application | /Control   | Nο   |
|-------------|------------|------|
| Application | , 00111101 | 110. |
|             |            |      |

10/694,018 Examiner

Johnny H. Hoang

Applicant(s)/Patent under Reexamination

ITOW ET AL.

Art Unit

3747

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| 2 | Non-Elected  |
|---|--------------|
| _ | Interference |

| А | Appeal   |
|---|----------|
| 0 | Objected |

|              | Cla      | im                         | Date         |              |                |              |          |              |              |                                                  |                 |
|--------------|----------|----------------------------|--------------|--------------|----------------|--------------|----------|--------------|--------------|--------------------------------------------------|-----------------|
| <del></del>  | 716      |                            | Date         |              |                |              |          |              |              |                                                  |                 |
| Final        |          | Original                   | 6/10/05      |              |                |              |          |              |              |                                                  |                 |
| 1            |          | 1                          | =            |              |                | Г            |          | П            |              |                                                  |                 |
| Ιi           | П        | 2                          | =            | -            |                | _            | H        | T            | ┢            | ┢╾                                               | 1               |
| Н            | Н        |                            | =            | ├            | ┢              | ┢            | ┢        | ┢            | -            | 1                                                | Н               |
| Н            | -        | <del></del>                | =            | -            | $\vdash$       | $\vdash$     |          | -            | -            | -                                                | $\vdash$        |
| Н            | -        |                            | =            | ⊢            | -              | -            | ├        | ⊢            | ┝            | -                                                | -               |
| Н            | Н        | 1<br>2<br>3<br>4<br>5<br>6 | <u> </u>     | ├-           | ┝              | -            | 1        | <del> </del> | ⊢            |                                                  | -               |
| Н            | Н        | -                          | ┡            | ⊢            | -              | -            | ⊢        | <del> </del> | <del> </del> | -                                                | -               |
| Н            | Н        | 7                          | =            | _            | _              | <u> </u>     |          | -            | <u> </u>     | _                                                | Ш               |
| Н            | Н        | 8<br>9                     | ᆖ            | ⊢            | <u> </u>       | _            | _        | <u> </u>     | _            | <b> </b>                                         | Н               |
| Н            | Н        |                            | =            | ├_           | ┡              | _            | _        | L            | _            | L                                                | $\vdash$        |
| Н            | Н        | 10                         | =            | -            | _              |              | _        |              | <u> </u>     | <u> </u>                                         |                 |
| Н            | $\vdash$ | 10<br>11<br>12             | =            | ⊢            | $\vdash$       | <del> </del> | ├        | ⊢            | -            | <del> </del>                                     |                 |
| Н            | Н        | 12                         | ├            | <del> </del> | $\vdash$       | $\vdash$     | $\vdash$ | -            | ⊢            |                                                  | $\vdash$        |
| Н            | Н        | 13                         | =            | _            |                | ├            | _        | ⊢            | ├            | -                                                | -               |
| Н            | Н        | 13<br>14<br>15             | =            | $\vdash$     | $\vdash$       | -            | $\vdash$ | -            | $\vdash$     | <del>                                     </del> | $\vdash$        |
| Н            | Н        | 16                         | =            | -            | $\vdash$       | ├            | -        | $\vdash$     | $\vdash$     | $\vdash$                                         | $\vdash$        |
| Н            | Н        | 16<br>17                   | =            | -            | -              | -            | H        | H            | ┝            | ⊢                                                | Н               |
| Н            | Н        | 10                         | Ε            | $\vdash$     | $\vdash$       | ┝            | -        | ⊢            | $\vdash$     |                                                  |                 |
| Н            | Н        | 18<br>19                   | -            | -            | <del> </del> - | -            | -        | ⊢            | $\vdash$     | ⊢                                                | $\vdash$        |
| Н            | Н        | 20                         | =            | ├            | ├              | -            | -        | ┝            | ⊢            | ⊢                                                | H               |
| Н            | Н        | 21                         | =            | -            | ┝              | -            | -        | ┝            | ┢            | $\vdash$                                         | H               |
| Н            | Н        | 22                         | =            | _            | $\vdash$       | <del> </del> | ┢        |              |              | ╁─                                               | H               |
| П            | П        | 21<br>22<br>23             | =            |              | Г              |              | t -      |              | H            | ┢                                                | П               |
| П            | П        | 24                         | Ξ            |              | Г              |              |          |              |              |                                                  |                 |
|              |          | 24<br>25                   | =            |              |                |              |          |              |              |                                                  |                 |
| 2            | ô        | 26<br>27                   | ı            |              |                |              |          |              |              |                                                  |                 |
| <u> </u>     |          | 27                         |              |              |                | <u> </u>     |          |              |              |                                                  | Ш               |
| 匚            |          | 28<br>29                   |              | <u> </u>     | L              |              | 乚        |              |              |                                                  |                 |
|              |          | 29                         |              |              | L              |              | L        |              |              |                                                  |                 |
|              |          | 30                         |              |              |                |              |          |              |              |                                                  |                 |
|              |          | 31                         |              |              |                |              |          |              | L_           |                                                  |                 |
|              |          | 32<br>33                   |              |              | $\Box$         |              |          |              |              |                                                  |                 |
|              |          | 33                         |              |              |                |              |          |              |              |                                                  |                 |
|              |          | 34                         |              |              |                | <u> </u>     | <u> </u> | L            |              |                                                  |                 |
|              |          | 35                         |              |              |                |              | 匚        | L            |              |                                                  |                 |
| L            |          | 36                         |              |              |                |              |          |              | $\Box$       |                                                  |                 |
|              |          | 37<br>38                   |              |              | L              |              |          |              |              |                                                  |                 |
|              |          | 38                         | $oxed{\Box}$ |              |                |              |          | L            |              |                                                  |                 |
|              | _        | 39                         |              | L            |                |              | <u>_</u> |              |              |                                                  | Ш               |
| <u> </u>     | _        | 40                         |              |              | <u> </u>       | _            |          | L            |              | <u> </u>                                         | Ш               |
| <u> </u>     | _        | 41                         | _            |              | <u> </u>       | <u> </u>     | <u> </u> | _            | <u> </u>     | <u> </u>                                         | Ш               |
| ┝            | -        | 42                         |              | $\vdash$     | $\vdash$       | _            | <u> </u> | _            | $\vdash$     | <u> </u>                                         |                 |
| ⊢            | -        | 43                         |              | H            | -              | <del> </del> | ├        | ⊢            | <u> </u>     | <u> </u>                                         | $\vdash \vdash$ |
|              | ᅱ        | 44                         |              | $\vdash$     | $\vdash$       | <u> </u>     | ⊢        |              | <u> </u>     | -                                                | $\vdash\vdash$  |
| <del> </del> | -        | 46                         |              | <del> </del> | -              | $\vdash$     | $\vdash$ | $\vdash$     | -            | <del> </del>                                     | $\vdash \dashv$ |
| $\vdash$     | $\dashv$ | 47                         | —            | $\vdash$     | $\vdash$       | $\vdash$     |          | $\vdash$     | -            | -                                                | $\vdash \vdash$ |
| $\vdash$     |          | 48                         | _            | $\vdash$     | $\vdash$       | ⊢            |          | <b>-</b>     | $\vdash$     | -                                                | $\vdash$        |
| ┝            | ᅥ        | 49                         | -            | $\vdash$     |                | -            |          | $\vdash$     |              | $\vdash$                                         | $\vdash\dashv$  |
|              | ┥        | 50                         | $\dashv$     | $\vdash$     | Η-             | -            | -        | Н            | -            |                                                  |                 |
|              |          |                            |              |              |                |              |          |              |              |                                                  |                 |

| Cla      | aim            |                                                  |                                                  |                                                      |                                     | Dat                                              | e        |               |              | _        |
|----------|----------------|--------------------------------------------------|--------------------------------------------------|------------------------------------------------------|-------------------------------------|--------------------------------------------------|----------|---------------|--------------|----------|
|          |                |                                                  |                                                  |                                                      |                                     |                                                  | I        |               |              | Г        |
| Final    | Original       |                                                  |                                                  |                                                      |                                     |                                                  |          |               | -            |          |
|          |                | L                                                |                                                  | _                                                    | L                                   | _                                                |          | _             | <u> </u>     | L        |
|          | 51             | <u> </u>                                         | _                                                |                                                      |                                     |                                                  |          |               |              | L        |
|          | 51<br>52       |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              |          |
|          | 53             |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              |          |
|          | 54             |                                                  |                                                  |                                                      |                                     | $\vdash$                                         | _        |               |              | Г        |
| -        | 54<br>55       | $\vdash$                                         | $\vdash$                                         | -                                                    | $\vdash$                            | _                                                |          | -             | _            | ┢        |
| -        | 56             | $\vdash$                                         |                                                  |                                                      | -                                   | -                                                | ┢        | _             | -            | H        |
| -        | 57             | -                                                | -                                                | -                                                    | ⊢                                   | -                                                | ┢        | -             | -            | ⊢        |
|          | 57             | -                                                | -                                                | _                                                    | <u> </u>                            | ⊢                                                | ├        | ├-            | <u> </u>     | _        |
| <u> </u> | 58             | _                                                | <u> </u>                                         | <u> </u>                                             |                                     | _                                                | <u> </u> | <u> </u>      |              | L        |
| <u> </u> | 59             | L_                                               | _                                                | L.                                                   |                                     | L                                                | _        | ļ             | <u> </u>     | L        |
|          | 60             |                                                  | <u> </u>                                         |                                                      | L.                                  | _                                                |          |               | L            |          |
|          | 61             |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              |          |
|          | 62             |                                                  |                                                  |                                                      |                                     |                                                  | l        |               |              |          |
|          | 62<br>63       | <u> </u>                                         |                                                  |                                                      |                                     |                                                  | Γ        | Γ             |              |          |
|          | 64             | Т                                                | Т                                                | Г                                                    | Г                                   | T                                                |          | $\vdash$      | Г            |          |
|          | 65             | <del>                                     </del> | Н                                                | Н                                                    | Н                                   | $\vdash$                                         | $\vdash$ | $\vdash$      |              |          |
| -        | 66             | $\vdash$                                         | ┢                                                | ┝                                                    | ⊢                                   | ⊢                                                | $\vdash$ | ┢             | $\vdash$     | H        |
| <u> </u> | 67             | ┝                                                | -                                                | -                                                    | -                                   | -                                                | -        | ⊢             | <del> </del> | ┝        |
|          | 67             | <u> </u>                                         | <u> </u>                                         | <u> </u>                                             | ⊢                                   | ├                                                | ⊢        | <u> </u>      | _            | _        |
|          | 68             | _                                                | _                                                | _                                                    | L                                   | ļ                                                |          | <u> </u>      | <u> </u>     | L        |
|          | 69             |                                                  | _                                                | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{L}}}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L_                                               | L        | <u> </u>      | _            | L        |
|          | 70             |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              |          |
|          | 71             |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              |          |
|          | 72             |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              |          |
|          | 73             |                                                  | Г                                                | Г                                                    |                                     |                                                  |          |               |              |          |
|          | 74             |                                                  |                                                  |                                                      |                                     |                                                  |          | Г             |              | _        |
|          | 75             |                                                  |                                                  | Г                                                    |                                     |                                                  | _        | Г             |              | Г        |
|          | 76             |                                                  |                                                  | Т                                                    |                                     |                                                  |          | $\overline{}$ |              | Г        |
|          | 75<br>76<br>77 | Г                                                |                                                  | _                                                    |                                     | Г                                                | $\vdash$ |               |              |          |
|          | 78             | Г                                                |                                                  |                                                      | $\vdash$                            |                                                  |          |               | _            |          |
|          | 78<br>79       |                                                  | -                                                | -                                                    | ┝                                   | $\vdash$                                         | $\vdash$ |               | _            | -        |
| -        | 80             | $\vdash$                                         | ┝                                                | ┢                                                    | ┢─                                  | <del>                                     </del> | $\vdash$ | -             | -            | H        |
|          | 81             | $\vdash$                                         | $\vdash$                                         | ├                                                    | $\vdash$                            | ⊢                                                | -        | <del> </del>  | _            | _        |
| -        | 01             | -                                                | -                                                | -                                                    | $\vdash$                            | ⊢                                                | -        | <b>—</b>      | _            | -        |
|          | 82             | <u> </u>                                         | <u> </u>                                         | -                                                    | <u> </u>                            |                                                  | <u> </u> | $\vdash$      | <u> </u>     | -        |
|          | 83             | <u> </u>                                         | <del> </del> _                                   | <u> </u>                                             | <u> </u>                            | <u> </u>                                         | _        | $\vdash$      | <u> </u>     | L        |
|          | 84             | <u> </u>                                         | <u> </u>                                         | <u> </u>                                             | L_                                  | <u> </u>                                         | <u></u>  | L             | <u></u>      | _        |
|          | 85             | <u> </u>                                         | _                                                | 匚                                                    | L                                   | <u> </u>                                         | L        |               | <u>L</u>     | L        |
|          | 86             |                                                  |                                                  |                                                      |                                     |                                                  |          |               | <u> </u>     |          |
|          | 87             |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              |          |
|          | 88             |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              |          |
|          | 89             |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              | Г        |
|          | 90             |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              | Т        |
|          | 91             |                                                  |                                                  |                                                      |                                     |                                                  |          |               |              |          |
|          | 92             |                                                  |                                                  |                                                      |                                     |                                                  |          | Г             |              |          |
|          | 93             |                                                  |                                                  |                                                      |                                     | $\Box$                                           |          | П             |              |          |
|          | 94             | $\vdash$                                         | $\vdash$                                         | $\vdash$                                             |                                     | $\vdash$                                         |          |               | $\vdash$     |          |
|          | 95             | $\vdash$                                         | $\vdash$                                         |                                                      |                                     | _                                                | $\vdash$ | М             | $\vdash$     | $\vdash$ |
|          | 96             | $\vdash$                                         | <del>                                     </del> | $\vdash$                                             | -                                   | $\vdash$                                         | $\vdash$ | $\vdash$      | $\vdash$     | $\vdash$ |
|          | 97             | $\vdash$                                         | _                                                | $\vdash$                                             | $\vdash$                            | $\vdash$                                         | -        | -             | -            | -        |
| $\vdash$ |                | -                                                |                                                  | $\vdash$                                             |                                     | -                                                | -        | <u> </u>      | -            | -        |
| -        | 98             | H                                                | <u> </u>                                         | ├—                                                   | $\vdash$                            | $\vdash$                                         | -        | <u> </u>      | -            | -        |
| <u></u>  | 99             | ш                                                | _                                                | ⊢                                                    | H                                   | $\vdash$                                         | H        | _             | <u> </u>     | -        |
| 1        | 100            | 1 1                                              | 1                                                | 1                                                    | 1                                   | 1                                                | 1        | 1             |              | 1        |

| Cli   | Date                     |              |   |          |              |          |          | $\neg$   |          |                 |
|-------|--------------------------|--------------|---|----------|--------------|----------|----------|----------|----------|-----------------|
| - 01  |                          |              |   |          |              |          |          |          | 一        |                 |
| Final | Original                 |              |   |          |              |          |          |          |          |                 |
|       | 101<br>102               |              |   |          |              |          |          |          |          |                 |
|       | 102                      |              |   | L.       | _            | L.,      |          |          | L.       | Щ               |
|       | 103<br>104               | _            | _ | _        | _            | <u> </u> | _        |          | <u> </u> | $\sqcup$        |
|       | 104                      | _            |   | _        | ⊢            | H        | <u> </u> | <u> </u> | ⊢        | Н               |
|       | 105<br>106               | _            | _ |          | ├            | <u> </u> | ┝        | -        | ├        | Н               |
|       | 107                      | _            |   |          | ⊢            | H        | ⊢        | -        | $\vdash$ | Н               |
|       | 108                      | -            | _ |          | $\vdash$     | <u> </u> | $\vdash$ | -        | -        | Н               |
|       | 109                      |              |   | -        |              |          |          | $\vdash$ | $\vdash$ | М               |
|       | 110                      |              |   |          |              |          |          |          |          |                 |
|       | 111                      |              |   |          |              |          |          |          |          |                 |
|       | 112                      |              |   | L.       | _            |          | <u></u>  |          |          | Щ               |
|       | 113                      |              |   |          | L            |          | <u> </u> | _        | _        | Ц               |
|       | 112<br>113<br>114<br>115 |              |   |          | <u> </u>     |          | ┡        | <u> </u> | -        | Ш               |
|       | 115                      |              |   | ⊢        | ⊢            | $\vdash$ | ⊢        | $\vdash$ | _        | ${ m H}$        |
|       | 117                      | _            | - | ├        | $\vdash$     | $\vdash$ |          | $\vdash$ | -        | $\vdash$        |
|       | 116<br>117<br>118        | -            | _ | $\vdash$ | $\vdash$     |          | $\vdash$ | ┢        |          | Н               |
|       | 119                      | _            | _ | $\vdash$ | $\vdash$     |          | $\vdash$ | $\vdash$ | -        | Н               |
|       | 119<br>120               |              |   | $\vdash$ | $\vdash$     |          | $\vdash$ |          |          | П               |
|       | 121                      |              |   |          |              |          |          |          |          | П               |
|       | 121<br>122<br>123        |              |   |          |              |          |          |          |          |                 |
|       | 123                      |              |   | _        | _            |          | _        | _        |          | Щ               |
|       | 124<br>125<br>126        | $oxed{oxed}$ | _ | <u> </u> | <u> </u>     |          | _        | _        | _        | Щ               |
|       | 125                      |              |   | <u> </u> | <del> </del> |          | ⊢        | H        | _        | Н               |
|       | 127                      |              | _ |          |              | H        | ┝        | $\vdash$ | _        | Н               |
|       | 127<br>128<br>129        |              | _ | $\vdash$ | Н            | $\vdash$ | $\vdash$ | H        | $\vdash$ | Н               |
|       | 129                      |              | _ | -        |              |          | $\vdash$ | Н        | $\vdash$ | П               |
|       | 130                      |              |   | _        |              |          |          |          |          |                 |
|       | 130<br>131               |              |   |          |              |          |          |          |          |                 |
|       | 132                      |              |   |          |              |          |          |          |          |                 |
|       | 133                      |              |   | <u> </u> | L            |          | _        |          |          | Ш               |
|       | 134                      |              |   | _        | _            |          | _        | _        | _        | Щ               |
|       | 135<br>136               |              | _ | ⊢        | $\vdash$     | <u> </u> | <u> </u> | Н        |          | Н               |
|       | 137                      |              | - |          | $\vdash$     |          | -        |          |          | $\vdash \vdash$ |
|       | 138                      | -            |   | _        | _            | _        | $\vdash$ | -        | -        | Н               |
|       | 139                      |              |   |          |              |          |          |          |          | П               |
|       | 140                      |              |   |          |              |          |          |          |          |                 |
|       | 141                      |              |   |          |              |          |          |          |          |                 |
|       | 142                      | Ш            |   | <u> </u> | ļ            | _        | ldash    | <u> </u> |          | Ш               |
|       | 143                      | Щ            |   | <u> </u> | <u> </u>     | $\vdash$ | <u> </u> | $\vdash$ | $\vdash$ | Н               |
|       | 144<br>145               | $\vdash$     |   | -        | -            | _        | <u> </u> | -        | -        | Н               |
|       | 145                      | $\vdash$     | _ | -        | -            | -        | <u> </u> | _        |          | $\dashv$        |
|       | 147                      | $\vdash$     | _ |          |              | -        | -        | -        |          | Н               |
|       | 148                      | $\vdash$     |   |          |              |          | $\vdash$ | Н        |          | Н               |
|       | 149                      | $\Box$       |   |          |              |          | $\vdash$ |          |          | $\vdash$        |
|       | 150                      |              |   |          |              |          |          |          |          |                 |
|       |                          |              |   |          | _            |          |          |          |          |                 |